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**1** [Eoops: an object-oriented programming system for Emacs-Lisp](#)
[Chris Houser, Scott D. Kalter](#)
August 1992 **SIGPLAN Lisp Pointers**, Volume V Issue 3**Publisher:** ACM

Full text available: Pdf (709.88 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [c](#)**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 21, Downloads (Overall): 96

Eoops (Emacs OOP System) implements a Smalltalk-80-like language in GNU Emacs-simple but efficient compiler for a class-based, single inheritance, object-oriented language with message passing for both method ...

**2** [A real-time microprocessor debugging technique](#)
[Charles R. Hill](#)
August 1983 **SIGSOFT '83**: Proceedings of the symposium on High-level debugging**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (367.80 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [c](#)**Bibliometrics:** Downloads (6 Weeks): 21, Downloads (12 Months): 21, Downloads (Overall): 1

This note describes RED, a remotely executed debugger capable of generating a real-time history of a high level language program executing on a microprocessor. The trace history contains the source statements of each ...

Also published in:

August 1983 **SIGPLAN Notices**

Volume 18 Issue 8

August 1983 **SIGSOFT Software Engineering Notes** Volume 8 Issue 4**3** [Operating system principles](#)
[Per Brinch Hansen](#)
January 1973 **Operating system principles****Publisher:** Prentice-Hall, Inc.

Full text available: Pdf (16.81 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [c](#)**Bibliometrics:** Downloads (6 Weeks): 150, Downloads (12 Months): 433, Downloads (Overall)

**From the Preface MAIN GOAL** This book tries to give students of computer science programmers a general understanding of *operating systems*--the programs that enable computers to operate efficiently. To ...

**4** [The PL/I-FORMAC Interpreter](#)
[John Xenakis](#)
March 1971 **SYMSAC '71**: Proceedings of the second ACM symposium on Symbolic and**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (763.06 KB)

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The PL/I-FORMAC Interpreter is a Type III IBM Programming System designed to add formula manipulation language to the capabilities of PL/I. The program and/or document by ordering program number 360D-03.3.004 ...

## 5 [Eager Haskell: resource-bounded execution yields efficient iteration](#)

 Jan-Willem Maessen

October 2002 **Haskell '02**: Proceedings of the 2002 ACM SIGPLAN workshop on Haskell


**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (161.87 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [info](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 49, Downloads (Overall): 346

The advantages of the Haskell programming language are rooted in its clean equation advantages evaporate as soon as programmers try to write simple iterative computational code must be annotated with calls to ...

## 6 [Interactive type analysis and extended message splitting: optimizing dynamically typed programs](#)

 Craig Chambers, David Ungar

June 1990 **PLDI '90**: Proceedings of the ACM SIGPLAN 1990 conference on Programming language design and implementation

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (1.58 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [info](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 35, Downloads (Overall): 306

Object-oriented languages have suffered from poor performance caused by frequent procedure calls. The best way to speed up a procedure call is to compile it out, but dynamic oriented procedure calls without ...

Also published in:

June 1990 **SIGPLAN Notices** Volume 25 Issue 6

## 7 [Annotated syntax graphs](#)

[Samuel Hsieh](#)

October 2002 **Journal of Computing Sciences in Colleges** , Volume 18 Issue 1


**Publisher:** Consortium for Computing Sciences in Colleges

Full text available:  Pdf (42.02 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [info](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 24, Downloads (Overall): 56

Annotated syntax graphs are presented as a pedagogical tool in teaching compiler construction tool for developing semantic actions in writing a compiler. The tool is compared with annotated syntax graphs generally ...

## 8 [The V3 video server--managing analog and digital video clips](#)

 Thomas C. Rakow, Peter Muth

June 1993 **SIGMOD '93**: Proceedings of the 1993 ACM SIGMOD international conference on Management of data


**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (201.77 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [info](#)


**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 9, Downloads (Overall): 146

The V3 Video Server is a demonstration showing a multimedia application developed database management system. VODAK is a prototype of an object-oriented and distributed


Also published in:

June 1993 **SIGMOD Record** Volume 22 Issue 2**9** [An annotated bibliography on active databases \(short version\)](#) [Ulrike Jaeger, Johann Christoph Freytag](#)March 1995 **SIGMOD Record**, Volume 24 Issue 1**Publisher:** ACMFull text available:  Pdf (958.65 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 28, Downloads (Overall): 52


This is a bibliography on active databases and active database systems which reflects activities in this field. We compiled this bibliography for our own use, but hopefully it people as well. All papers that ...

**10** [Knowledge based control in micro-architecture design](#) [F. D. Brewer, D. D. Gajski](#)October 1987 **DAC '87**: Proceedings of the 24th ACM/IEEE Design Automation Conference**Publisher:** ACM  [Request Permissions](#)Full text available:  Pdf (869.72 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 7, Downloads (Overall): 152

This paper describes the principles and implementation of design-process control in a compiler. The knowledge-base relies on both local and global evaluations to determine global goals and then implements those ...


**11** [A real-time microprocessor debugging technique](#) [Charles R. Hill](#)January 1983 **SIGSOFT '83**: Proceedings of the ACM SIGSOFT/SIGPLAN software engineering level debugging**Publisher:** ACMAdditional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): 1


This note describes RED, a remotely executed debugger capable of generating a real-time history of a high level language program executing on a microprocessor. The trace highlights the source statements of each ...

**12** [Points-to analysis for Java using annotated constraints](#) [Atanas Rountev, Ana Milanova, Barbara G. Ryder](#)November 2001 **OOPSLA '01**: Proceedings of the 16th ACM SIGPLAN conference on Object-oriented systems, languages, and applications**Publisher:** ACM  [Request Permissions](#)Full text available:  Pdf (263.51 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 65, Downloads (Overall): 52

The goal of point-to analysis for Java is to determine the set of objects pointed to by a reference object field. This information has a wide variety of client applications in optimizing software engineering tools. ...

Also published in:

November 2001 **SIGPLAN Notices** Volume 36 Issue 11**13** [Mixed integer programming methods for computing nonmonotonic deductive data](#) [Colin Bell, Anil Nerode, Raymond T. Ng, V. S. Subrahmanian](#)November 1994 **Journal of the ACM (JACM)**, Volume 41 Issue 6**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (2.54 MB)


Additional Information: [full citation](#), [abstract](#), [references](#), [c](#)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 31, Downloads (Overall): 36

Though the declarative semantics of both explicit and nonmonotonic negation in logic extensively, relatively little work has been done on computation and implementation paper, we study three different ...


**Keywords:** deductive databases, logic programming, nonmonotonic reasoning, oper

#### 14 Automating program analysis

 Timothy Hickey, Jacques Cohen

January 1988 **Journal of the ACM (JACM)**, Volume 35 Issue 1

**Publisher:** ACM  [Request Permissions](#)


Full text available:  Pdf (2.49 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [c](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 31, Downloads (Overall): 40

The first part of the paper shows that previous theoretical work on the semantics of p (Kozen) and on the correctness of performance annotated programs (Ramshaw) can average-case analysis of simple programs ...

#### 15 Considerations in the design of a compiler for APL

 Harry J. Saal

June 1978 **SIGAPL APL Quote Quad**, Volume 8 Issue 4

**Publisher:** ACM


Full text available:  Pdf (698.56 KB)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 8, Downloads (Overall): 61,

Existing implementations of the APL language are generally referred to as "interpretin system behavior of an interpretive nature, such as "desk calculator mode" debugging retain that external view even though ...

#### 16 Controlling data movement in global computing applications

 Daniele Gorla, Rosario Pugliese

March 2004 **SAC '04: Proceedings of the 2004 ACM symposium on Applied computing**

**Publisher:** ACM  [Request Permissions](#)


Full text available:  Pdf (178.93 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [c](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 11, Downloads (Overall): 16


We present a programming notation aiming at protecting the secrecy of both host an computing applications. The approach exploits annotations with sets of node address can be annotated with a region that ...

#### 17 Safety checking of machine code

 Zhichen Xu, Barton P. Miller, Thomas Reps

August 2000 **PLDI '00: Proceedings of the ACM SIGPLAN 2000 conference on Programm implementation**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (306.71 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [c](#)


**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 41, Downloads (Overall): 26

We show how to determine statically whether it is safe for untrusted machine code to host system. Our safety-checking technique operates directly on the untrusted machi only that the initial inputs ...

Also published in:

May 2000 **SIGPLAN Notices** Volume 35 Issue 5

**18** [Automatic determination of recommended test combinations for Ada compilers](#)

 [James S. Marr](#), [Patricia K. Lawlis](#)

June 1991 **WADAS '91**: Proceedings of the eighth annual Washington Ada symposium on Ada: software: foundation for competitiveness

**Publisher:** ACM  [Request Permissions](#)


Full text available:  Pdf (756.17 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [ii](#)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 10, Downloads (Overall): 10

Ada compilers are validated using the Ada Compiler Validation Capability (ACVC) test individual test programs. Each test program focuses, to the extent possible, on a single Despite the advantages of this ...

**19** [XML templates and caching in WASH](#)

 [Peter Thiemann](#)

August 2003 **Haskell '03**: Proceedings of the 2003 ACM SIGPLAN workshop on Haskell

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (129.06 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [c](#)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 18, Downloads (Overall): 25

Caching of documents is an important concern on the Web. It is a major win in all sites limited. Unfortunately, the increasing spread of dynamically generated documents see caching techniques in browsers ...



**Keywords:** annotated languages, caching, web programming

**20** [A flexible speech to speech phrasebook translator](#)

[Manny Rayner](#), [Pierrette Bouillon](#)

July 2002 **Proceedings of the ACL-02 workshop on Speech-to-speech translation systems - Volume 7**, Volume 7

**Publisher:** Association for Computational Linguistics

Full text available:  [Publisher Site](#),  Pdf (203.59 KB) Additional Information: [full citation](#), [abstract](#), [refer](#)





**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 6, Downloads (Overall): 22,

We describe a simple speech translation architecture intended for medical and other applications which is intended to represent a compromise between fixed-phrase translation on one transfer-based translation on the other. ...

Resu

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